	1 A P C N	
	Application No.	Applicant(s)
Madian of Allamakility	10/676,919	MEUSBURGER ET AL.
Notice of Allowability	Examiner	Art Unit
	Patricia T Nguyen	2817
The MAILING DATE of this communication appears on the cover sheet with the correspondence address All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.		
1. This communication is responsive to		
2. The allowed claim(s) is/are <u>1-33</u> .		
3. The drawings filed on <u>01 October 2003</u> are accepted by the Examiner.		
<ul> <li>4.  Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).</li> <li>a)  All b)  Some* c)  None of the:</li> <li>1.  Certified copies of the priority documents have been received.</li> <li>2.  Certified copies of the priority documents have been received in Application No</li> <li>3.  Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).</li> <li>* Certified copies not received:</li> </ul>		
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		
5. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.		
6. CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.		
(a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached		
1)  hereto or 2)  to Paper No./Mail Date		
(b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date		
Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).		
7. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.		
AM-shared A		
Attachment(s) 1. ☑ Notice of References Cited (PTO-892)	5. Notice of Informal Page	atent Application (PTO-152)
2. Notice of Draftperson's Patent Drawing Review (PTO-948)	6. 🔲 Interview Summary	(PTO-413),
3. ☑ Information Disclosure Statements (PTO-1449 or PTO/SB/0	Paper No./Mail Dat	
Paper No./Mail Date <u>12/22/03 &amp; 5/6/04</u> 4. ☐ Examiner's Comment Regarding Requirement for Deposit	8 M Evaminaria Statomo	nt of Reasons for Allowance
of Biological Material	9. ☐ Other	THE OF I LEADERS FOR AN AMERICA

## **DETAILED ACTION**

## Allowable Subject Matter

Claims 1-33 are allowed.

The following is an examiner's statement of reasons for allowance: prior art, U.S. Patents # 6,011,436 of Koike and # 6,798,290 B2 of Groe et al., does not teach nor render obvious a circuit implementing a translinear amplifier that has, in combination with other limitations, means to force the current division within said first current dividing circuit and the current division within said second current dividing circuit to the same value of current ratios; neither does it have means to sharply cut off said translinear amplifier's linear operation, once the defined linear operating range is exceeded at the negative end of said linear operating range; and means to sharply limit said translinear amplifier's linear operation, once the linear operating range is exceeded at the positive end of said linear operating range; nor does it have means to switch off most of the circuit elements to reduce the power consumption when the translinear amplifier itself is outside said active operating range; nor does it have a circuit to compensate the temperature error of a P-MOS output stage which is attached to the translinear amplifier's output is achieved that has, in combination with other limitations, means for a reference element, comprising one or more P-MOS transistors, means for a constant current source, and means to connect the resulting reference voltage to said translinear amplifier's reference input.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably Application/Control Number: 10/676,919 Page 3

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accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

## Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. U.S. Patents # 6,798,290 B2, # 6,563,375 B1, # 6,396,311 B2, # 6,028,478, and # 6,456,142 B1 contain some limitations of the claimed invention.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Patricia T Nguyen whose telephone number is (703) 308-1927. The examiner can normally be reached on 6:30 AM - 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Robert Pascal can be reached on 703-309-4940. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

PTN

January 7, 2005

PATRICIA NGƯÝEN° PRIMARY EXAMINER